

File 347:JAPIO Dec 1976-2010/May(Updated 100824)

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File 350:Derwent WPIX 1963-2010/UD=201054

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Set	Items	Description
S1	1796897	VELOCIT? OR SPEED? ? OR PACE
S2	199900	S1(5N) (CALCULAT? OR TRANSFORM? OR CONVERT? OR CONVERSION? - OR TRANSLAT? OR CORELAT? OR CORRELAT? OR COMPUTAT? OR COMPUTE OR COMPUTES OR COMPUTED OR COMPUTING OR DETERMIN??? OR DETERM- INATION? OR DERIV??? OR GENERAT? OR ESTIMAT? OR TABULAT?)
S3	7305	S1(5N) (EQUATION? ? OR ALGORITHM? OR FORMULA? ? OR FORMULAE? ?)
S4	4269115	DISTANCE OR LENGTH OR HORIZONTAL?? OR VERTICAL??? OR LINEAR
S5	746578	S4(5N) (MOVE? ? OR MOVING OR MOVEMENT? OR TRAVEL? OR DISPLA- C??? OR DISPLACEMENT? ? OR EXTEND??? OR EXTENSION? OR RETRACT? OR SLID?? OR SLIDING OR GLID??? OR ADVANC??? OR ADVANCEMENT? OR MIGRAT??? OR CONTRACT? OR COMPRESS? OR COLLAPS? OR CONDENS- ??? OR COMPACT??? OR EXPAND? OR EXPANSION? OR RETREAT?)
S6	1856262	BACK(5N) FORTH OR BACKWARD? (5N) FORWARD? OR "IN" (5N) OUT OR T- ELESCOPE? ? OR TELESCOPING OR (UP OR UPWARD? ?) (5N) (DOWN OR D- OWNWARD? ?) OR SIDE(2X) SIDE OR LEFT(5N) RIGHT
S7	674994	ORTHOGON? OR ORTHOGRAPH? OR PERPENDICUL?
S8	2962365	ANGLE? ? OR ANGULAR? OR PITCH??? OR LENGTH?
S9	153104	S7(10N) (AXIS?? OR AXES??)
S10	12576	S2(100N) S5:S6
S11	126	S10 AND S9
S12	4	S11 AND S3
S13	2114043	IC=(B66F OR E02F OR F15B OR G05B OR G05D OR G06F)
S14	15	S11 AND S13
S15	14	S14 NOT S12
S16	61331	TELESCOPE? ? OR TELESCOPING
S17	46	S2(100N) S16
S18	9	S17 AND (S9 OR S13)
S19	9	S18 NOT (S12 OR S15)
S20	2918	S9(30N) S1
S21	509	S20 AND S2
S22	1866	S16(10N) (CONTROL? OR MICROCONTROL? OR REGULAT? OR MANAG??? OR MANAGEMENT? ? OR COMMAND??? OR GOVERN????)
S23	553529	(CONTROL? OR MICROCONTROL? OR REGULAT? OR MANAG??? OR MANA- GEMENT? ? OR COMMAND??? OR GOVERN????) (5N) (MOVE? ? OR MOVING - OR MOVEMENT? OR TRAVEL? OR DISPLAC??? OR DISPLACEMENT? ? OR E- XTEND??? OR EXTENSION? OR RETRACT? OR SLID?? OR SLIDING OR GL- ID??? OR ADVANC??? OR ADVANCEMENT? OR MIGRAT??? OR CONTRACT? - OR COMPRESS? OR COLLAPS? OR CONDENS??? OR COMPACT??? OR EXPAN- D? OR EXPANSION? OR RETREAT?)
S24	64	S21 AND S22:S23
S25	62	S24 NOT (S12 OR S15 OR S19)
S26	39	S25 AND PY=1963:2004
S27	32	S25 AND AY=1963:2004 AND AC=US
S28	41	S26:S27
S29	41	IDPAT (sorted in duplicate/non-duplicate order)
S30	40	IDPAT (primary/non-duplicate records only)

File 348:EUROPEAN PATENTS 1978-201033

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File 349:PCT FULLTEXT 1979-2010/UB=20100819|UT=20100812

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Set	Items	Description
S1	822157	VELOCIT? OR SPEED? ? OR PACE
S2	129090	S1(5N) (CALCULAT? OR TRANSFORM? OR CONVERT? OR CONVERSION? - OR TRANSLAT? OR CORELAT? OR CORRELAT? OR COMPUTAT? OR COMPUTE

OR COMPUTES OR COMPUTED OR COMPUTING OR DETERMIN??? OR DETERMINATION? OR DERIV??? OR GENERAT? OR ESTIMAT? OR TABULAT?)

S3 14723 S1(5N) (EQUATION? ? OR ALGORITHM? OR FORMULA? ? OR FORMULAE? ?)

S4 1914245 DISTANCE OR LENGTH OR HORIZONTAL?? OR VERTICAL??? OR LINEAR

S5 480501 S4(5N) (MOVE? ? OR MOVING OR MOVEMENT? OR TRAVEL? OR DISPLACEMENT??? OR DISPLACEMENT? ? OR EXTEND??? OR EXTENSION? OR RETRACT? OR SLID?? OR SLIDING OR GLID??? OR ADVANC??? OR ADVANCEMENT? OR MIGRAT??? OR CONTRACT? OR COMPRESS? OR COLLAPS? OR CONDENSE??? OR COMPACT??? OR EXPAND? OR EXPANSION? OR RETREAT?)

S6 1249609 BACK(5N) FORTH OR BACKWARD? (5N) FORWARD? OR "IN" (5N) OUT OR TELESCOPE? ? OR TELESCOPING OR (UP OR UPWARD? ?) (5N) (DOWN OR DOWNWARD? ?) OR SIDE (2X) SIDE OR LEFT (5N) RIGHT

S7 534417 ORTHOGON? OR ORTHOGRAPH? OR PERPENDICUL?

S8 1480988 ANGLE? ? OR ANGULAR? OR PITCH??? OR LENGTH?

S9 162983 S7(10N) (AXIS?? OR AXES??)

S10 18199 S2(100N) S5:S6

S11 178 S10(100N) S9

S12 5 S11(100N) S3

S13 40734 S1(20N) (EQUATION? ? OR ALGORITHM? OR FORMULA? ? OR FORMULAE? ?)

S14 13 S11(100N) S13

S15 313388 IC=(B66F OR E02F OR F15B OR G05B OR G05D OR G06F)

S16 14 S11 AND S15

S17 12 S2(15N) (TELESCOPE? ? OR TELESCOPING)

S18 24760 S2(15N) (MOVE? ? OR MOVING OR MOVEMENT? OR TRAVEL? OR DISPLACEMENT??? OR DISPLACEMENT? ? OR EXTEND??? OR EXTENSION? OR RETRACT? OR SLID?? OR SLIDING OR GLID??? OR ADVANC??? OR ADVANCEMENT? OR MIGRAT??? OR CONTRACT? OR COMPRESS? OR COLLAPS? OR CONDENSE??? OR COMPACT??? OR EXPAND? OR EXPANSION? OR RETREAT?)

S19 3346 S2(15N) S6

S20 22 S19(100N) S9

S21 4382 S9(30N) S1

S22 564 S21(100N) S2

S23 322617 (CONTROL? OR MICROCONTROL? OR REGULAT? OR MANAG??? OR MANAGEMENT? ? OR COMMAND??? OR GOVERN???) (5N) (MOVE? ? OR MOVING OR MOVEMENT? OR TRAVEL? OR DISPLACEMENT??? OR DISPLACEMENT? ? OR EXTEND??? OR EXTENSION? OR RETRACT? OR SLID?? OR SLIDING OR GLID??? OR ADVANC??? OR ADVANCEMENT? OR MIGRAT??? OR CONTRACT? OR COMPRESS? OR COLLAPS? OR CONDENSE??? OR COMPACT??? OR EXPAND? OR EXPANSION? OR RETREAT? OR TELESCOP?)

S24 39 S22(100N) S23

S25 233 S18(100N) S9

S26 19 S25 AND S15

S27 101 S12 OR S14 OR S16:S17 OR S20 OR S24 OR S26

S28 54 S27 AND PY=1963:2003

S29 25 S27 AND (AC=US OR AC=US/PR) AND AY=1963:2003

S30 57 S28:S29

File 6:NTIS 1964-2010/Aug W5
(c) 2010 NTIS, Intl Cpyrght All Rights Res

File 2:INSPEC 1898-2010/Aug W3
(c) 2010 The IET

File 8:EI Compendex(R) 1884-2010/Aug W3
(c) 2010 Elsevier Eng. Info. Inc.

File 14:Mechanical and Transport Engineer Abstract 1966-2010/Jun
(c) 2010 CSA.

File 34:SciSearch(R) Cited Ref Sci 1990-2010/Aug W4
(c) 2010 The Thomson Corp

File 35:Dissertation Abs Online 1861-2010/Jul
(c) 2010 ProQuest Info&Learning

File 56:Computer and Information Systems Abstracts 1966-2010/Jun
(c) 2010 CSA.

File 57:Electronics & Communications Abstracts 1966-2010/Jun
(c) 2010 CSA.

File 60:ANTE: Abstracts in New Tech & Engineer 1966-2010/Jun
(c) 2010 CSA.

File 65:Inside Conferences 1993-2010/Aug 26
(c) 2010 BLDSC all rts. reserv.

File 95:TEME-Technology & Management 1989-2010/Jul W3
(c) 2010 FIZ TECHNIK

File 99:Wilson Appl. Sci & Tech Abs 1983-2010/Jun
(c) 2010 The HW Wilson Co.

File 104:AeroBase 1999-2010/Aug
(c) 2010 Contains copyrighted material

File 108:Aerospace and High Technology Database 1962-2010/Jun
(c) 2010 CSA.

File 144:Pascal 1973-2010/Aug W4
(c) 2010 INIST/CNRS

File 256:TecTrends 1982-2010/Aug W4
(c) 2010 Info.Sources Inc. All rights res.

File 266:FEDRIP 2010/Jun
Comp & dist by NTIS, Intl Copyright All Rights Res

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 2006 The Thomson Corp

Set	Items	Description
S1	4159761	VELOCIT? OR SPEED? ? OR PACE
S2	575719	S1(5N) (CALCULAT? OR TRANSFORM? OR CONVERT? OR CONVERSION? - OR TRANSLAT? OR CORELAT? OR CORRELAT? OR COMPUTAT? OR COMPUTE OR COMPUTES OR COMPUTED OR COMPUTING OR DETERMIN??? OR DETERM- INATION? OR DERIV??? OR GENERAT? OR ESTIMAT? OR TABULAT?)
S3	158915	S1(5N) (EQUATION? ? OR ALGORITHM? OR FORMULA? ? OR FORMULAE? ?)
S4	8325552	DISTANCE OR LENGTH OR HORIZONTAL?? OR VERTICAL??? OR LINEAR
S5	539167	S4(5N) (MOVE? ? OR MOVING OR MOVEMENT? OR TRAVEL? OR DISPLA- C??? OR DISPLACEMENT? ? OR EXTEND??? OR EXTENSION? OR RETRACT? OR SLID?? OR SLIDING OR GLID??? OR ADVANC??? OR ADVANCEMENT? OR MIGRAT??? OR CONTRACT? OR COMPRESS? OR COLLAPS? OR CONDENS- ??? OR COMPACT??? OR EXPAND? OR EXPANSION? OR RETREAT?)
S6	1871146	BACK(5N) FORTH OR BACKWARD? (5N) FORWARD? OR "IN" (5N) OUT OR T- ELESCOPE? ? OR TELESCOPING OR (UP OR UPWARD? ?) (5N) (DOWN OR D- OWNWARD? ?) OR SIDE (2X) SIDE OR LEFT (5N) RIGHT
S7	863713	ORTHOGON? OR ORTHOGRAPH? OR PERPENDICUL?
S8	5026697	ANGLE? ? OR ANGULAR? OR PITCH??? OR LENGTH?
S9	111039	S7(10N) (AXIS?? OR AXES??)
S10	29712	S2 AND S5:S6
S11	137	S10 AND S9
S12	3	S11 AND S3
S13	385860	S1(20N) (EQUATION? ? OR ALGORITHM? OR FORMULA? ? OR FORMULA- E? ?)
S14	4	S11 AND S13
S15	688	S2(15N) (TELESCOPE? ? OR TELESCOPING)
S16	60127	S2(15N) (MOVE? ? OR MOVING OR MOVEMENT? OR TRAVEL? OR DISPLA- AC??? OR DISPLACEMENT? ? OR EXTEND??? OR EXTENSION? OR RETRACT- T? OR SLID?? OR SLIDING OR GLID??? OR ADVANC??? OR ADVANCEMEN- T? OR MIGRAT??? OR CONTRACT? OR COMPRESS? OR COLLAPS? OR COND- ENS??? OR COMPACT??? OR EXPAND? OR EXPANSION? OR RETREAT?)
S17	4	S15 AND S9
S18	206	S16 AND S9
S19	15	S18 AND S5
S20	747399	(CONTROL? OR MICROCONTROL? OR REGULAT? OR MANAG??? OR MANA- GEMENT? ? OR COMMAND??? OR GOVERN????) (5N) (MOVE? ? OR MOVING - OR MOVEMENT? OR TRAVEL? OR DISPLAC??? OR DISPLACEMENT? ? OR E- XTEND??? OR EXTENSION? OR RETRACT? OR SLID?? OR SLIDING OR GL- ID??? OR ADVANC??? OR ADVANCEMENT? OR MIGRAT??? OR CONTRACT? - OR COMPRESS? OR COLLAPS? OR CONDENS??? OR COMPACT??? OR EXPAN- D? OR EXPANSION? OR RETREAT? OR TELESCOP?)
S21	4391	S9(30N) S1
S22	815	S21 AND S2
S23	15	S22 AND S20

S24	3803	S2(15N)S6
S25	14	S24 AND S9
S26	4391	S9(30N)S1
S27	815	S26 AND S2
S28	15	S27 AND S20
S29	9	S18 AND S20
S30	50	S12 OR S14 OR S17 OR S19 OR S23 OR S25 OR S28:S29
S31	36	S30 NOT S30/2004:2010
S32	18	RD (unique items)

File 696:DIALOG Telecom. Newsletters 1995-2010/Aug 26
(c) 2010 Dialog

File 9:Business & Industry(R) Jul/1994-2010/Aug 25
(c) 2010 Gale/Cengage

File 15:ABI/Inform(R) 1971-2010/Aug 25
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File 613:PR Newswire 1999-2010/Aug 26
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(c) 1999 Business Wire

File 610:Business Wire 1999-2010/Aug 26
(c) 2010 Business Wire.

File 369:NEW SCIENTIST 1994-2010/JAN W5
(c) 2010 REED BUSINESS INFORMATION LTD.

File 370:Science 1996-1999/Jul W3
(c) 1999 AAAS

File 16:Gale Group PROMT(R) 1990-2010/Aug 25
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File 47:Gale Group Magazine DB(TM) 1959-2010/Aug 02
(c) 2010 Gale/Cengage

File 148:Gale Group Trade & Industry DB 1976-2010/Aug 25
(c) 2010 Gale/Cengage

File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group

File 275:Gale Group Computer DB(TM) 1983-2010/Jul 15
(c) 2010 Gale/Cengage

File 621:Gale Group New Prod.Annou.(R) 1985-2010/Jul 06
(c) 2010 Gale/Cengage

File 624:McGraw-Hill Publications 1985-2010/Aug 25
(c) 2010 McGraw-Hill Co. Inc

File 636:Gale Group Newsletter DB(TM) 1987-2010/Aug 25
(c) 2010 Gale/Cengage

File 647:UBM Computer Fulltext 1988-2010/Aug W4
(c) 2010 UBM, LLC

File 674:Computer News Fulltext 1989-2006/Sep W1
(c) 2006 IDG Communications

Set	Items	Description
S1	5504404	VELOCIT? OR SPEED? ? OR PACE
S2	201517	S1(5N) (CALCULAT? OR TRANSFORM? OR CONVERT? OR CONVERSION? - OR TRANSLAT? OR CORELAT? OR CORRELAT? OR COMPUTAT? OR COMPUTE OR COMPUTES OR COMPUTED OR COMPUTING OR DETERMIN??? OR DETERM- INATION? OR DERIV??? OR GENERAT? OR ESTIMAT? OR TABULAT?)
S3	14065	S1(5N) (EQUATION? ? OR ALGORITHM? OR FORMULA? ? OR FORMULAE? ?)
S4	3900212	DISTANCE OR LENGTH OR HORIZONTAL?? OR VERTICAL??? OR LINEAR

S5 277423 S4(5N) (MOVE? ? OR MOVING OR MOVEMENT? OR TRAVEL? OR DISPLA-
C??? OR DISPLACEMENT? ? OR EXTEND??? OR EXTENSION? OR RETRACT?
OR SLID?? OR SLIDING OR GLID??? OR ADVANC??? OR ADVANCEMENT?
OR MIGRAT??? OR CONTRACT? OR COMPRESS? OR COLLAPS? OR CONDENS-
??? OR COMPACT??? OR EXPAND? OR EXPANSION? OR RETREAT?)

S6 5834630 BACK(5N) FORTH OR BACKWARD? (5N) FORWARD? OR "IN" (5N) OUT OR T-
ELESCOPE? ? OR TELESCOPING OR (UP OR UPWARD? ?) (5N) (DOWN OR D-
OWNWARD? ?) OR SIDE(2X) SIDE OR LEFT(5N) RIGHT

S7 66873 ORTHOGON? OR ORTHOGRAPH? OR PERPENDICUL?

S8 2662554 ANGLE? ? OR ANGULAR? OR PITCH??? OR LENGTH?

S9 5249 S7(10N) (AXIS?? OR AXES??)

S10 8939 S2(100N) S5:S6

S11 11 S10(100N) S9

S12 60 S2(15N) (TELESCOPE? ? OR TELESCOPING)

S13 23665 S2(15N) (MOVE? ? OR MOVING OR MOVEMENT? OR TRAVEL? OR DISPL-
AC??? OR DISPLACEMENT? ? OR EXTEND??? OR EXTENSION? OR RETRAC-
T? OR SLID?? OR SLIDING OR GLID??? OR ADVANC??? OR ADVANCEMEN-
T? OR MIGRAT??? OR CONTRACT? OR COMPRESS? OR COLLAPS? OR COND-
ENS??? OR COMPACT??? OR EXPAND? OR EXPANSION? OR RETREAT?)

S14 0 S12(100N) S9

S15 12 S13(100N) S9

S16 3186838 (CONTROL? OR MICROCONTROL? OR REGULAT? OR MANAG??? OR MANA-
GEMENT? ? OR COMMAND??? OR GOVERN????) (5N) (MOVE? ? OR MOVING -
OR MOVEMENT? OR TRAVEL? OR DISPLAC??? OR DISPLACEMENT? ? OR E-
XTEND??? OR EXTENSION? OR RETRACT? OR SLID?? OR SLIDING OR GL-
ID??? OR ADVANC??? OR ADVANCEMENT? OR MIGRAT??? OR CONTRACT? -
OR COMPRESS? OR COLLAPS? OR CONDENS??? OR COMPACT??? OR EXPAN-
D? OR EXPANSION? OR RETREAT? OR TELESCOP?)

S17 289 S9(30N) S1

S18 43 S17(100N) S2

S19 0 S17(100N) S16

S20 113 S11:S12 OR S15 OR S18

S21 67 S20 NOT S20/2004:2010

S22 50 RD (unique items)